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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1	Attorney Docket Number	2685/5993
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U.S. PATENT DOCUMENTS

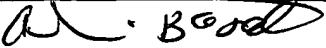
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ₈
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A.B	—	6,097,842	—	Suzuki et al	August 1, 2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₈
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Form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT		ATTY. DOCKET NO. 2685/5806	SERIAL NO. 09/814,061
		APPLICANT(S): HASKELL, et al.	
Page 1 of 2		FILING DATE June 8, 2001	GROUP 2621

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
AcB	6148026	November 14, 2000	Puri, et al.	—	
	6057884	May, 2000	Chen, et al.	375/240.16	
	6055623	December 21, 1999	Takahashi, et al.	348/402	
	6026183	February 15, 2000	Talluri, et al.	382/194	
	6005980	December, 1999	Eifrig, et al.	386/236	
	5999189	December 7, 1999	Kajiyama, et al.	345/430	
	5 978 509	November 2, 1999	Nachtergaele, et al.	—	
	5825421	October 20, 1998	Tan	348/409	
	5 778 097	July 7, 1998	Nickerson	—	
	5,757,971	May 26, 1998	Kim	348/409	
	5,699,117	December 16, 1997	Uramoto, et al.	—	
	5,633,684	May 27, 1997	Teranishi, et al.	348/398	
	5,539,468	July 23, 1996	Suzuki, et al.	348/403	
	5,532,747	July 2, 1996	Yoon, et al.	348/416	
	5,488,418	January 30, 1996	Mishima, et al.	348/398	
	5,467,136	November 14, 1995	Odaka, et al.	348/416	
	5,465,119	November 7, 1995	Demos	348/447	
	5,414,469	March 9, 1995	Gonzales, et al.	348/408	
	5,408,328	April 18, 1995	Boliek, et al.	—	
✓	4,958,226	September 18, 1990	Haskell, et al.	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
A.B	Index of Web Search.
	Web site material, "Object-Based Coding," http://www.ece.concordia.ca/~sorial/seminar1/node18.html , (7/14/99).
	Web site material, "MPEG-4 Video and Its Potential for Future Multimedia Services," http://wwwam.hhi.de/mpeg-video/papers/sikora/iscas.htm (1/27/97).
	Web site material, "The Structure of the MPEG-4 Video Coding Algorithm", http://www.ee.iisc.ernet.in/people/students/gupta/Mpeg4/Coding/mpeg4vm.htm (3/1/98).
	Web site material, "MPEG-4: A Flexible Coding Standard for the Emerging Mobile Multimedia Applications", http://www.tnt.uni-hannover.de/project/eu/momusys/docs/Paper/IST/pimrc/pimrc.html (10/9/00).
	Haskell, Barry G., et al., "MPEG-4 and the Future", Digital Video: An Introduction to MPEG-2, pp. 369-371 (1997).
	International Organization for Standardisation; Generic Coding of Moving Pictures and Associated Audio Information: Video; Recommendation H.262; ISO/IEC 13818-2 JTC1/SC29/WG11 N0702(revised) Incorporations N702 Delta of 24 March and Further Editorial Corrections 10 May 1994
	International Organization for Standardisation; MPEG-4 Video Verification Model Version 2.1; ISO/IEC JTC1/SC29/WG11 XXXX of May 3, 1996
	International Organization for Standardisation; Working Draft 1.0 of ISO/IEC 14496-2; ISO/IEC JTC1/SC29/WG11 N1470; MPEG/Maceio, November 1996
	International Organization for Standardisation; Working Draft 4.0 of ISO/IEC 14496-2; ISO/IEC JTC1/SC29/WG11 N1797; MPEG97/Stockholm, July 1997
	Organisation Internationale De Normalisation; MPEG-4 Proposal Package Description (PPD) - Revision 2 (Lausanne Revision); ISO/IEC JTC1/SC29/WG11; MPEG 95, March 1995
	International Organization for Standardization; Description and Results of Coding Efficient Experiment T9 (part 4) in MPEG-4 Video; ISO/IEC JTC1/WG11; MPEG96/1320, September 1996, Chicago
	International Organization for Standardization; Results of Scalability Experiments; ISO/IEC JTC1/SC29/WG11; MPEG96/1084, July 1996 Tampere
	International Organisation for Standardisation; Generic Coding of Moving Picture and Associated Audio Information; Video; ISO/IEC JTC1/SC29/WG11 NXXXX; ISO/IEC 13818-2, November 1994
	International Organization for Standardisation; Test Model 5; ISO/IEC JTC1/SC29/WG11; MPEG93/457, April, 1993
	International Organization for Standardisation; Generic Coding of Moving Pictures and Associated Audio Information; Video Recommendation H.262; ISO/IEC JTC1/SC29/WG11, N0702 (revised), 10 May, 1994
	ITU - Telecommunications Standardization Sector Document; ITU-LBC-96-358R1; Altered Sections of H.263 for Draft Text of H.263+; Shepperton, UK, July 15-18, 1996
↓	International Organization for Standardisation; Intra Prediction (T9/T10) and DC/AC Prediction Results; ISO/IEC JTC1/SC29/WG11; MPEG96/0939, July 1996
	International Organization for Standardisation; MPEG-4 Video Verification Model Version 5.1; ISO/IEC JTC1/SC29/WG11; MPEG96/XXXX, December 1996

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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with M.P.E.P. 609; strike out citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited		Application/Control No.	Applicant(s)/Patent Under Reexamination	
		09/814,081	HASKELL ET AL.	
		Examiner	Art Unit	Page 1 of 1
		AJ Bayat	2621	

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
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	G	US-			
	H	US-			
	I	US-			
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	K	US-			
	L	US-			
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)	Examiner's Initials
AB	U	A Puri et al. (Working Draft 1.0 of ISO/IEC 14496-2), November 1998, version of: 12 June, 2001.	AB
	V		3/28/05
	W		
	X		

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Applicant/Patent
Barin Geoffry Haskell

Application/Control No.
09/814,061

Examiner

Ali Bayat

Art Unit

2621

Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Examiner's Initials	Classification ²	
A	6,057,884	5/2000	Chen et al.	AJB 3/28/05	348	416
B	5,812,735	3/1997	Haskell et al.		348	43
C	5,819,256	4/1997	Haskell et al.		348	43
D	6,144,701	11/2000	Chiang et al.		375	240
E	6,043,848	3/2000	Shen et al.		348	409
F	6,026,183	2/2000	Talturi et al.	✓ 341	382	194
G						
H						
I						
J						
K						
L						
M						

FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²
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